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\*\*FILE\*\*ID\*\*FINDKEY

J 15

ED  
VO

FFFFFFFFF FFFFFFFFF I I I I I NN NN DDDDDDDDD KK KK EEEEEEEEEE YY YY  
FFFFFFFFF FFFFFFFFF I I I I I NN NN DDDDDDDDD KK KK EEEEEEEEEE YY YY  
FF F I I NN NN DD DD KK KK EEE YY YY  
FF F I I NN NN DD DD KK KK EEE YY YY  
FF F I I NNNN NNNN NN DD DD KK KK EEE YY YY  
FF F I I NNNN NNNN NN DD DD KK KK EEE YY YY  
FF F FFFFFFF F FFFFFFF F I I NN NN DD DD KK KKKKKK EEEEEE YY YY  
FF F FFFFFFF F FFFFFFF F I I NN NN DD DD KK KKKKKK EEEEEE YY YY  
FF F I I NN NNNN DD DD KK KK EEE YY YY  
FF F I I NN NNNN DD DD KK KK EEE YY YY  
FF F I I NN NN DD DD KK KK EEE YY YY  
FF F I I NN NN DD KK KK EEE YY YY  
FF F I I NN NN DDDDDDDDD KK KK EEEEEE YY YY  
FF F I I NN NN DDDDDDDDD KK KK EEEEEE YY YY

LL I I I I SSSSSSS  
LL I I I I SSSSSSS  
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LLLLLLLLLL LLLL LLLL I I I I SSSSSSS SSSSSSS

```
1 0001 0 XTITLE 'EDT$FINDKEY - find a key''s definition'
2 0002 0 MODULE EDT$FINDKEY (
3 0003 0           IDENT = 'V04-000'           ! Find a key's definition
4 0004 0           ) =                      ! File: FINDKEY.BLI Edit: JBS1002
5 0005 1 BEGIN
6 0006 1
7 0007 1 ****
8 0008 1 *
9 0009 1 *  COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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26 0026 1 *
27 0027 1 *
28 0028 1 ****
29 0029 1
30 0030 1
31 0031 1 ++
32 0032 1 FACILITY: EDT -- The DEC Standard Editor
33 0033 1
34 0034 1 ABSTRACT:
35 0035 1
36 0036 1     Find a key's definition.
37 0037 1
38 0038 1 ENVIRONMENT: Runs at any access mode - AST reentrant
39 0039 1
40 0040 1 AUTHOR: John Sauter, CREATION DATE: August 13, 1982
41 0041 1
42 0042 1 MODIFIED BY:
43 0043 1
44 0044 1     1-001 - Original. JBS 13-Aug-1982
45 0045 1     1-002 - Don't store into the argument list. JBS 10-Nov-1982
46 0046 1
47 0047 1  --
```

```
49      0048 1 %SBTTL 'Declarations'  
50      0049 1  
51      0050 1 TABLE OF CONTENTS:  
52      0051 1 !  
53      0052 1  
54      0053 1 REQUIRE 'EDTSRC:TRAROUNAM';  
55      0492 1  
56      0493 1 FORWARD ROUTINE  
57      0494 1     EDT$$FIND_KEY;  
58      0495 1  
59      0496 1 !  
60      0497 1 INCLUDE FILES:  
61      0498 1  
62      0499 1  
63      0500 1 REQUIRE 'EDTSRC:EDTREQ';  
64      0635 1  
65      0636 1 LIBRARY 'EDTSRC:KEYPADDEF';  
66      0637 1  
67      0638 1  
68      0639 1 MACROS:  
69      0640 1  
70      0641 1     NONE  
71      0642 1  
72      0643 1 EQUATED SYMBOLS:  
73      0644 1  
74      0645 1     NONE  
75      0646 1  
76      0647 1 OWN STORAGE:  
77      0648 1  
78      0649 1     NONE  
79      0650 1  
80      0651 1 EXTERNAL REFERENCES:  
81      0652 1  
82      0653 1     ! In the routine
```

```
84 0654 1 %SBTTL 'EDT$$FIND_KEY - find a key''s definition'
85 0655 1
86 0656 1 GLOBAL ROUTINE EDT$$FIND_KEY (
87 0657 1     KEY,
88 0658 1     KEY_PTR
89 0659 1     ) =
90 0660 1
91 0661 1 ++
92 0662 1     FUNCTIONAL DESCRIPTION:
93 0663 1
94 0664 1     Find the definition of a key in the key definition table.  Return that
95 0665 1     definition or an indication that the key is not defined.
96 0666 1
97 0667 1     FORMAL PARAMETERS:
98 0668 1
99 0669 1     KEY           The number of the key whose definition is to be found
100 0670 1
101 0671 1     KEY_PTR        Pointer to the key's definition
102 0672 1
103 0673 1     IMPLICIT INPUTS:
104 0674 1
105 0675 1     EDT$$A_TRN_TBL
106 0676 1
107 0677 1     IMPLICIT OUTPUTS:
108 0678 1
109 0679 1     NONE
110 0680 1
111 0681 1     ROUTINE VALUE:
112 0682 1
113 0683 1     1 = key found, KEY_PTR points to its definition
114 0684 1     0 = no definition for this key
115 0685 1
116 0686 1     SIDE EFFECTS:
117 0687 1
118 0688 1     NONE
119 0689 1
120 0690 1     --
121 0691 1
122 0692 2     BEGIN
123 0693 2
124 0694 2
125 0695 2     MAP
126 0696 2     KEY_PTR : REF BLOCK [, BYTE] FIELD (KEY_DEF_FIELD);
127 0697 2
128 0698 2     EXTERNAL
129 0699 2     EDT$$A_TRN_TBL : VECTOR [K_KPAD_HASHSIZ];      ! Table of pointers to key definitions
130 0700 2
131 0701 2     LOCAL
132 0702 2     L_KEY,
133 0703 2     L_KEY_PTR : REF BLOCK [, BYTE] FIELD (KEY_DEF_FIELD),
134 0704 2     KEY_FOUND;
135 0705 2
136 0706 2     L_KEY = .KEY;
137 0707 2     ASSERT ((.L_KEY LSS K_KEY_MAX) AND (.L_KEY GEQ 0));
138 0708 2     L_KEY_PTR = EDT$$A_TRN_TBL[.L_KEY MOD K_KPAD_HASHSIZ];
139 0709 2     KEY_FOUND = 0;
140 0710 2     WHILE ( NOT .KEY_FOUND) DO
```

EDTSFINDKEY  
V04-000

**EDTSFINDKEY** - find a key's definition  
**EDTSSFINDKEY** - find a key's definition

N 15

16-Sep-1984 00:24:22  
14-Sep-1984 12:23:07

VAX-11 Bliss-32 V4.0-742  
DISK\$VMSMASTER:[EDIT.SRC]F

Page 4  
1 (3)

! of routine EDT\$SFIND\_KEY

.TITLE EDT\$FINDKEY EDT\$FINDKEY - find a key's definition

.IDENT \V04-000\

.EXTRN EDTSSA\_TRN\_TBL, EDTSSINTER\_ERR

.PSECT \_EDT\$CODE,NOWRT, SHR, PIC.2

; Routine Size: 111 bytes, Routine Base: \_EDT\$CODE + 0000

EDT\$FINDKEY  
V04-000

EDT\$FINDKEY - find a key's definition  
EDT\$FIND\_KEY - find a key's definition

: 154  
: 155

0724 1  
0725 1 !<BLF/PAGE>

B 16  
16-Sep-1984 00:24:22  
14-Sep-1984 12:23:07

VAX-11 Bliss-32 v4.0-742  
DISK\$VMSMASTER:[EDT.SRC]FINDKEY.BLI;1

Page 5  
(3)

EDT\$FINDKEY  
VO4-000

EDT\$FINDKEY - find a key's definition  
EDT\$FINDKEY - find a key's definition

: 157  
: 158  
: 159

0726 1 END  
0727 1  
0728 0 ELUDOM

C 16  
16-Sep-1984 00:24:22  
14-Sep-1984 12:23:07  
VAX-11 Bliss-32 V4.0-742  
DISK\$VMSMASTER:[EDT.SRC]FINDKEY.BLI;1 Page 6 (4)

: of module EDT\$FINDKEY

#### PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	111	NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

#### Library Statistics

File	-----	Symbols	-----	Pages	Processing
	Total	Loaded	Percent	Mapped	Time
-\$255\$DUA28:[EDT.SRC]EDT.L32;1	377	1	0	40	00:00.2
-\$255\$DUA28:[EDT.SRC]PSECTS.L32;1	2	1	50	7	00:00.1
-\$255\$DUA28:[EDT.SRC]KEYPADDEF.L32;1	34	7	20	7	00:00.1

#### COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LISS:FINDKEY/OBJ=OBJ\$:\$FINDKEY MSRC\$:\$FINDKEY.BLI/UPDATE=(ENH\$:\$FINDKEY )

: Size: 111 code + 0 data bytes  
: Run Time: 00:11.6  
: Elapsed Time: 00:31.1  
: Lines/CPU Min: 3768  
: Lexemes/CPU-Min: 11792  
: Memory Used: 75 pages  
: Compilation Complete

0133 AH-BT13A-SE  
VAX/VMS V4.0

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EXTEND  
LIS

FOEC  
LIS

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LIS

FINDPARA  
LIS

FCRLF  
LIS

FILEIO  
LIS

FINDKEY  
LIS

EDTVECTOR  
LIS

EXEC  
LIS

EXECNO  
LIS

FCOLINC  
LIS

FINAL  
LIS

FINDHDLR  
LIS

DEKEY  
LIS

ERRMSG  
LIS

ECHAR  
LIS